

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
12 May 2005 (12.05.2005)

PCT

(10) International Publication Number
WO 2005/041837 A2

(51) International Patent Classification⁷: A61G 1/02, 7/08

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:

PCT/IL2004/000973

(22) International Filing Date: 26 October 2004 (26.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
158683 30 October 2003 (30.10.2003) IL

(71) Applicant (for all designated States except US): SAVION INDUSTRIES (1987) LTD. [IL/IL]; 7 Hamada Street, Northern Industrial Area, 77140 Ashdod (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ZIMBALISTA, Dov [IL/IL]; 32 Melchet Street, 55292 Kiryat Ono (IL). ZIMBALISTA, Ran [IL/IL]; Meshek 5, 83800 Moshav Avigdor (IL).

(74) Agent: REINHOLD COHN AND PARTNERS; P.O. Box 4060, 61040 Tel Aviv (IL).

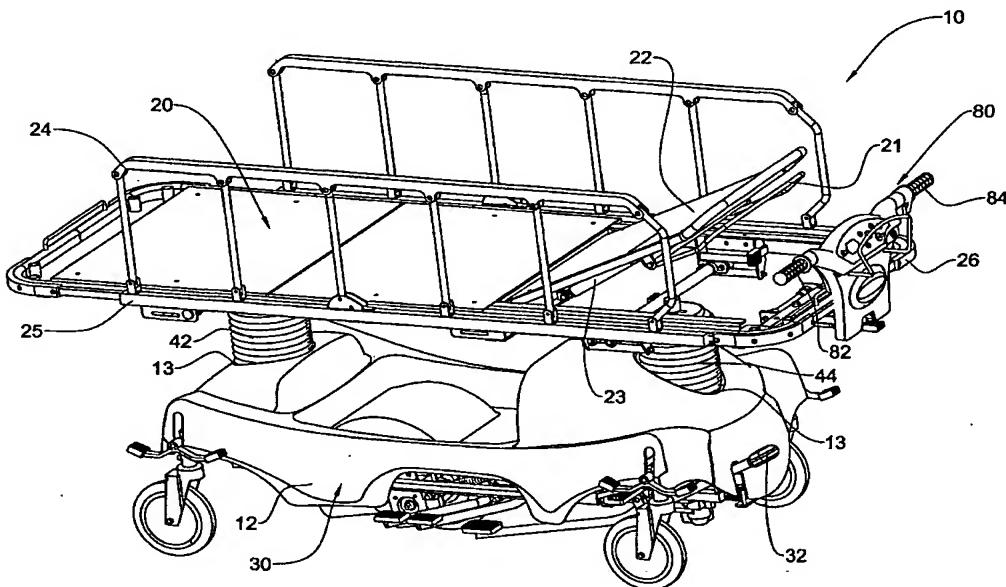
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

[Continued on next page]

(54) Title: MANEUVERABLE DEVICE FOR TRANSPORTING LOADS OVER A SURFACE



WO 2005/041837 A2

(57) Abstract: A maneuverable device for transporting a load over a surface, which finds particular application in a hospital bed for the transportation of patients and in a wheelchair for transporting patients or passengers in an air terminal, for example. The device has a platform for supporting a load to be transported mounted on a base comprising a plurality of castors. One or more auxiliary wheels are mounted for rotation about at least one fixed axis with respect to said base, and a power unit configured for providing motive power to the auxiliary wheels is provided. A driving unit is provided for steering the device, the driving unit operating independently of the auxiliary wheels.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.